



Leak Detection Test Reporting Requirements for INCON SCALD ATG Leak Detection

BUREAU OF WEIGHTS & MEASURES

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RESOURCES

More information on applicable Wisconsin laws can be found at these links:

Wis. Admin. Code § ATCP 93.510

https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/510

Wis. Admin Code § ATCP 93.515

https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/515

Materials Approval Page

https://datcp.wi.gov/Pages/Programs_Services/MaterialApprovalsLeakDetection.aspx

INCON

<http://www.franklinfueling.com/americas/en>

Approval #20020011

<https://datcp.wi.gov/Documents/ER-BST-MA-20020011.pdf>

When to submit your test results

- When renewing your annual Permit-to-Operate the owner/operator must supply the department with passing test reports of the 3 most current consecutive months of testing, and each test must be 28-32 days apart. For example, if your first test was June 1, the second test must be July 1, and the third test must be on August 1.
- When an inspection is conducted by the State of Wisconsin, at least 12 months of test reports must be available for review by a state inspector.
- Below is the SCALD test report example that the INCON ATG system will print for all models. You are required to submit the test report when renewing your annual permit to operate.

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INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-384-6266

08/13/1998      9:56 AM

SCALD TEST REPORT

TANK 1          11882.3 GAL
UNL3 SEG

LEAK TEST       0.288 GPM
LEAK THRESHOLD  0.100 GPM
EXTENT          18.0 HRS
VOL QUALIFY     0.8%
TEST STARTED    12:22 PM
TEST STARTED    08/07/1998
SALES RATE      54.731 GPM
EVAPORATED      1.781 GAL
LOST            0.327 GAL
DUTY FACTOR     0.31
UPDATED         12:40 AM
UPDATED         08/10/1998

SLOPE           -0.002 GAL/Hr
TEST RESULT     PASSES
SLOPE EQUALS    CALCULATED
LEAK RATE
```

If you have questions about how your INCON ATG system works please contact your service company or [INCON](#) directly. You can also find further information about your specific leak detection equipment on the materials approval page of our [website](#). The INCON material approval number is [20020011](#).

Leak detection FAQs:

- *What is leak detection?*
“Leak Detection” means determining whether a discharge of regulated substance has occurred from a storage tank system into the environment or into the space between the tank and its secondary barrier or containment.
- *What is “ATG”?*
“Automatic Tank Gauging” (ATG) or “Automatic Leak Detection” means a leak detection or monitoring system that will provide continuous 24-hour monitoring for the detection of a release or leak of vapor or product and will immediately communicate the detection of the release or leak to an electronic signaling device.
- *What is SCALD?*
[Wisconsin Administrative Code §§ ATCP 93.510](#) and [93.515](#) require all new and existing underground tank systems which store regulated substances to be provided with a method of leak detection. One of the acceptable methods of leak detection is “SCALD” (statistical continuous automatic leak detection).

Statistical Continuous Automatic Leak Detection (SCALD) monitors the product level and temperature in the tank at idle times. The system will continue to monitor the tank until it has gathered enough data to conclude that the tank system is tight, or there is a possible leak.